	AW	ARD/COM	ITRACT		NTRACT IS A RA AS (15 CFR 350)		RDER		RATING D	0-09	PAGE 1	of PAGES
2. C	NTRAC	T (PROC. INST. N66001-03		3. EFFECT	NE DATE R 2003	4. REQUISITION / PURCHASE REQUEST / PROJECT NO. See Section G						
5. ISSUED BY 2211 CODE N66001 SPAWAR SYSTEMS CENTER, SAN DIEGO 53560 HULL ST., BLDG A33, RM 1602W SAN DIEGO CA 92152-5002 CODE 2211 OLIVER WONG (619) 553-4507 owong@spawar.navv.mil				N66001	DCM 217 SUIT BAL	IA BAL EAST I TE 1800 TIMOR	TIMO REDV 0	/OOD STRE 0 21202-529	ET	CODE	\$2101A	
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	SEC	P	DESCRIPTION ART 1 - THE SCHED	ne -	PAGE(S)	-	SEC			RIPTION TRACT CLAUSE	10	PAGE(S)
1	A	SOLICITATIO	WCONTRACT FOR	1	1	V		CON	RACT CLAUS	E8		Errori
4	C		SERVICES AND P WSPECS WORK S		6				IST OF DOCU	MENTS, EXHIBI	75 & A77	ACHMENTS 18
1	D	PACKAGING	AND MARKING	MISMENT	8	1				ATIONS AND IN	VSTRUCT	
V	Ę	INSPECTION	AND ACCEPTANCE		. 0		K	REPR	ESENTATION	S, CERTIFICATIO	ONS	Che. All Co.
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	us Edith	162-8069 ons unusable ion 5,2.10				U			Presc	DARD FORM: ibed by GSA F ad 30 Apr 2003	AR (48 C	FR) 53,214(8)

ITEM SUPPLIES OR SERVICES Qty Purch Unit

Unit Price Total Item Amount

0001

Noun:

R&D IAW THE SOW, DTD 20 MARCH 2003

Descriptive Data:

Research and development efforts to explore the overall capacity of utilizing bees for both active and passive detection of specific targets in operational and real world scenarios in accordance with the Statement of Work, Attachment I.

The Base period of this contract is fully funded in the amount of

Period of Performance: 6 months, 21 April 2003 - 20 Oct 2003

This contract CLIN 0001 contains 6 progress payments, 1 payment per month for a 6month performance period.

Submit Contractor's Status Report per month period in accordance with CDRL items A003 and A004.

Unit Price (SubCLINS 0001AA-0001AF); \$346,334.00

Quantity and Purchase Unit: 1 Lot

0001AA

Noun: ACRN: CONTRACTOR'S STATUS REPORT IAW CDRL A003

AA

Contract type:

J - FIRM FIXED PRICE

Completion Date:

20 MAY 2003

0001 AB

Noun:

CONTRACTOR'S STATUS REPORT IAW CDRL A003

ACRN:

Contract type:

AA J - FIRM FIXED PRICE

Completion Date:

20 JUN 2003

0001AC

CONTRACTOR'S STATUS REPORT IAW CDRL A003

Noun: ACRN:

AA

Contract type:

J - FIRM FIXED PRICE

Completion Date:

20 JUL 2003

ITEM	SUPPLIES OR SERVIC	Qty ES Purch Unit	Unit Price Total Item Amount
0001AD			
	Noun: ACRN: Contract type: Completion Date:	CONTRACTOR'S STATUS REPO AA J - FIRM FIXED PRICE 20 AUG 2003	ORT IAW CDRL A003
0001 AE			4.74
	Noun: ACRN: Contract type: Completion Date;	CONTRACTOR'S STATUS REPO AA J - FIRM FIXED PRICE 20 SEP 2003	ORT IAW CDRL A003
0001AF			
	Noun: ACRN: Contract type: Completion Date:	CONTRACTOR'S STATUS REPO AA J - FIRM FIXED PRICE 20 OCT 2003	ORT IAW CDRL A003
0002			1100
	Noun; ACRN: DD1423 is Exhibit; Contract type:	DATA IAW THE CDRLS, DTD 21 U A J - FIRM FIXED PRICE	APR 2003
	Completion Date: Descriptive Data:	ASREQ the Contract Data Requirements Lis	t (CDRLs), DD Form 1423-1,
	Section J, Exhibit A.		
	Unit Price: Note Separat Quantity and Purchase U		

## **B-3 OPTION PERIODS**

The Government shall have the option to purchase the following CLINS in accordance with FAR 52.217-9. The Contracting Officer shall provide written notice of intent to exercise this option to the Contractor on or before the end of the base period.

Option I

ITEM SUPPLIES OR SERVICES Purch Unit Total Item Amount

0003 OPTION CLIN

Noun: R&D IAW THE SOW, DTD 20 MARCH 2003

DD1423 is Exhibit:

Descriptive Data:

Research and development efforts to explore the overall capacity of utilizing bees for both active and passive detection of specific targets in operational and real world scenarios in accordance with the Statement of Work, Attachment I.

Period of Performance: 10 months, 21 Oct 2003 - 20 Aug 2004

This contract CLIN 0003 contains 10 progress payments, 1 payment per month for a 10-month performance period.

Submit Contractor's Status Report per month period in accordance with CDRL Items B003 and B004.

Unit Price (SubCLINS 00003AA-0001AK): (b)(4)
Quantity and Purchase Unit: 1 Lot

0004 OPTION CLIN

Noun:

DATA IAW THE CDRLS, DTD 21 APR 2003

Descriptive Data:

Data in accordance with the Contract Data Requirements List (CDRLs), DD Form 1423-1, Section J, Exhibit B.

Unit Price: Note Separately Priced Quantity and Purchase Unit: 1 LOT

The dollars breakdown by time frame period is as follows:

Base Period (CLINs 0001 and 0002): Option Period (CLINs 0003 and 0004):

Total FFP Contract:

(b)(4) (b)(4) **\$1,189,000.00**  NOTICE: The following contract clauses pertinent to this section are hereby incorporated in full text:

# OTHER CONTRACT CLAUSES IN FULL TEXT

B028 CONTRACT TYPE: FIRM FIXED PRICE (FEB 1997)

Total Price \$1,189,000.00

Applicable to following Line Items: ALL

I. NOTICE: The following contract clauses pertinent to this section are hereby incorporated by reference:

## OTHER CONTRACT CLAUSES IN FULL TEXT

5252,232-9000 SUBMISSION OF INVOICES (FIXED PRICE) (JUL 1992)

- (a) "Invoice" as used in this clause does not include contractor requests for progress payments.
- (b) The contractor shall submit original invoices with copies to the address identified in the solicitation/ contract award form (SF 26-Block 10; SF 33-Block 23; SF 1447-Block 14), unless delivery orders are applicable, in which case invoices will be segregated by individual order and submitted to the address specified in the order (DD 1155-Block 13 or SF 26-Block 10).

Additional copies shall be submitted to the Contracting Officer's Representative (COR) and SPAWARSYSCEN San Diego, Vendor Pay, as follows:

(b)(6

SPAWARSYSCEN San Diego Code 23501, Office TS-194-205 53560 Hull Street San Diego, CA 92152-5000

E-mail and phone:

and (619) 553-3889

SPAWARSYSCEN San Diego Vendor Pay PO Box 80818 San Diego, CA 92138-0818

- (c) The use of copies of the Material Inspection and Receiving Report (MIRR), DD Form 250, as an invoice is encouraged. DFARS Appendix F-306 provides instructions for such use. Copies of the MIRR used as an invoice are in addition to the standard distribution stated in DFARS F-401.
- (d) In addition to the requirements of the Prompt Payment clause of this contract, the contractor shall cite on each invoice the contract line item number (CLIN); the contract subline item number (SLIN), if applicable; the accounting classification reference number (ACRN) as identified on the financial accounting data sheets, and the payment terms.
- (e) The contractor shall prepare:
- \* [X] a separate invoice for each activity designated to receive the supplies or services.
- \*[ ] a consolidated invoice covering all shipments delivered under an individual order.
- \* [ ] either of the above.
- (f) If acceptance is at origin, the contractor shall submit the MIRR or other acceptance verification directly to the designated payment office. If acceptance is at destination, the consignee will forward acceptance verification to the designated payment office.
- II. NOTICE: The following contract clauses pertinent to this section are hereby incorporated in full text:

#### A. OTHER CONTRACT CLAUSES IN FULL TEXT

#### C003 INCORPORATED DOCUMENTS/REQUIREMENTS (APR 1998)

Beetect, LLC's technical proposal entitled "Harvesting Bee Technology for Chemical Detection and Security, dated 13 March 2003, is hereby incorporated by reference.

#### C-302 SPECIFICATIONS/STATEMENT OF WORK (DEC 1998)

The work under this contract shall be performed in accordance with the Statement of Work, which is included as Attachment I, dtd 20 March 2003.

## C-325 KEY PERSONNEL (JUL 2000) (TAILORED)

- (a) The offeror agrees to assign to this contract those key personnel listed in paragraph (d) below. No substitutions shall be made except in accordance with this clause.
- (b) The offeror agrees that during the first 365 days of the contract performance period (inclusive of basic and option period of performance) no personnel substitutions will be permitted unless such substitutions are necessitated by an individual's sudden illness, death or termination of employment. In any of these events, the contractor shall promptly notify the Contracting Officer and provide the information required by paragraph (c) below. All proposed substitutions must be submitted in writing, at least fifteen (15) days (thirty (30) days if a security clearance is to be obtained) in advance of the proposed substitutions to the contracting officer. These substitutions requests shall provide the information required by paragraph (c) below.
- (c) All requests for approval of substitutions under this contract must be in writing and provide a detailed explanation of the circumstances necessitating the proposed substitutions. They must contain a complete resume for the proposed substitute or addition, and any other information requested by the Contracting Officer or needed by him to approve or disapprove the proposed substitutions. All substitutions proposed during the duration of this contract must have qualifications of the person being replaced. The Contracting Officer or his authorized representative will evaluate such requests and promptly notify the contractor of his approval or disapproval thereof in writing.

4 44			-	
(d)	List of	Kev	Personn	iel -

Name

Contract Labor Category

(b)(4)

Principal Investigator

- (e) If the Contracting Officer determines that suitable and timely replacement of key personnel who have been reassigned, terminated or have otherwise become unavailable for the contract work is not reasonably forthcoming or that the resultant reduction of productive effort would be so substantial as to impair the successful completion of the contract or the service order, the contract may be terminated by the Contracting Officer for default or for the convenience of the Government, as appropriate. In addition, if the Contractor is found at fault for the condition, the Contracting Officer may elect to equitably decrease the contract price or fixed fee to compensate the Government for any resultant delay, loss or damage.
- (f) If the offeror wishes to add personnel to be used in a labor category he shall employ the procedures outlined in paragraph (c) above. Adding personnel will only be permitted in the event of an indefinite quantity contract, where the Government has issued a delivery order for labor hours that would exceed a normal forty hour week if performed only by the number of employees originally proposed.

NOTICE: The following contract clauses pertinent to this section are hereby incorporated in full text:

## OTHER CONTRACT CLAUSES IN FULL TEXT

## D-308 MARKING OF SHIPMENT (OCT 1999) (TAILORED)

Each shipment of material and/or data shall be clearly marked to show the following information:

SHIP TO:

SPAWARSYSCEN San Diego Receiving Officer, Code D242 MARK FOR: Contract # N66001-03-C-8025

Item #

53560 Hull Street

San Diego, CA 92152-5410

Contracting Officer's Representative

Office TS - 194 - 205 Voice (619) 553-3889

E-mail:

The receiving office is open for deliveries Monday through Thursday from 7:30 a.m. to 4:30 p.m.

## D-501 COMMERCIAL PACKAGING (OCT 1998)

Preservation, packaging, and packing shall provide adequate protection against physical damage during shipment for all deliverable items in accordance with standard commercial practices.

I. NOTICE: The following contract clauses pertinent to this section are hereby incorporated by reference:

## A. FEDERAL ACQUISITION REGULATION CONTRACT CLAUSES

52.246-04	INSPECTION OF SERVICES FIXED-PRICE (AUG 1996)	
52.246-09	INSPECTION OF RESEARCH AND DEVELOPMENT (SHORT FORM) (APR 1984	4)
52.246-16	RESPONSIBILITY FOR SUPPLIES (APR 1984)	1

#### B. DEFENSE FEDERAL ACQUISITION REGULATION SUPPLEMENT CONTRACT CLAUSES

252.246-7000 MATERIAL INSPECTION AND RECEIVING REPORT (MAR 2003)

II. NOTICE: The following contract clauses pertinent to this section are hereby incorporated in full text:

#### A. OTHER CONTRACT CLAUSES IN FULL TEXT

## E005: INSPECTION AND ACCEPTANCE (MAR 1998) (TAILORED)

- a. Line Items A001, A002, A003, A004, A005, A006, A007 and A008; and B001, B002, B003, B004, B005, B006, B007, and B008 The data shall be delivered F.O.B. Destination to the office(s) specified in Block 14's of Exhibits A and B, DD Form 1423, and inspected and accepted at the SSC San Diego.
- b. The Contractor shall prepare and submit a final DD Form 250, Material Inspection and Receiving Report, on a one-time basis, collectively accounting for all completed items called for under Exhibits A and B, which called for submission of data or software with a letter of transmittal. The DD Form 250 shall be submitted with the last item required to be delivered.

# E-303 INSPECTION AND ACCEPTANCE - DESTINATION (OCT 1999)

Inspection and acceptance of the supplies/services to be furnished hereunder shall be made at destination by the SSC-SD COR, (b)(6) Code 23501, 53560 Hull Street, San Diego, CA 92152-5000 or his duly authorized representative within 2 working days after receipt of supplies/services, or completion of services at destination.

FAR Clause 52.232-25, entitled Prompt Payment, is incorporated by reference in Section I of this contract. As authorized by FAR 32.905(a)(1)(ii) and DFAR 232.905(1), paragraph (a)(5)(i) of FAR clause 52.232-25 is modified to read 14 working days in lieu of seven calendar days.

## E-501 INSPECTION AND ACCEPTANCE (OCT 1998)

Inspection and acceptance of any and all deliverables under this contract will be accomplished by the Contracting Officer or a designated representative.

I. NOTICE: The following contract clauses pertinent to this section are hereby incorporated by reference:

## FEDERAL ACQUISITION REGULATION CONTRACT CLAUSES

52.242-15 STOP-WORK ORDER (AUG 1989) 52.247-34 F.O.B. DESTINATION (NOV 1991)

II. NOTICE: The following contract clauses pertinent to this section are hereby incorporated in full text:

#### A. OTHER CONTRACT CLAUSES IN FULL TEXT

## FOOT OPTION CLIN PERFORMANCE PERIOD(S) (FEB 1998)

The respective performance period(s) for option(s) identified in Section B is as follows:

CLIN Number

Period of Performance

0003 and 0004

10 months, 21 Oct 2003 - 20 Aug 2004

## F002 PERIOD OF PERFORMANCE (FEB 1997)

Period of performance under this contract shall be 6 months.

## F-302 TIME AND PLACE OF DELIVERY - F.O.B. DESTINATION (OCT 1999)

Destination and delivery schedule are set forth below:

ITEM DESTINATION QUANTITY DELIVERY SCHEDULE

Base Period

0001 See Clause E-3031 LO

0002 See Clause E-303NSP

IAW the SOW IAW CDRL Exhibit A

Option Period

0003 See Clause E-3031 LO

IAW the SOW

0004 See Clause E-303 NSP

IAW CDRL Exhibit B

#### F-501 DELIVERY OF REPORTS (OCT 1998)

- (i) All data shall be delivered in accordance with the delivery schedule shown on the Contract Data Requirements List, attachments, or as incorporated by reference.
- (ii) All reports and correspondence submitted under this contract shall include the contract number and project number and be forwarded prepaid. A copy of the letters of transmittal shall be delivered to the Procuring Contracting Officer (PCO) and the Administrative Contracting Officer (ACO). The addresses are set forth on the contract award cover page. All other address(es) and code(s) for consignee(s) are as set forth in the contract or incorporated by reference.

Obligation ACRN Appropriation/Lmt Subhead/Supplemental Accounting Data Amount AA 97 X4930 NH3P 000 77777 0 066001 2F 000000 1000002303AA Funding breakdown: On CLIN 0001AA: On CLIN 0001AB: On CLIN 0001AC: On CLIN 0001AD: On CLIN 0001AE: On CLIN 0001AF: PRVMIPR: 3099-3500 Descriptive data: SAP no. 1000002303 Tracking no. 3099-3500 DUNS no.129083569 AO/AMD NO. P899/00 Program Element no. 0602712E FY03

NOTICE: The following contract clauses pertinent to this section are hereby incorporated in full text:

## A. OTHER CONTRACT CLAUSES IN FULL TEXT

# GO14 IMPLEMENTATION OF PATENT RIGHTS CLAUSE (SEP 1999) (TAILORED)

All documents and information required by the patent rights and/or patent reporting clauses set forth in Section I of this contract shall be submitted to the Patent Counsel. The SSC SD Patent Counsel can be reached at (619) 553-3001. This notice also constitutes a request (see FAR 52.227-12(f)(10) or DFARS 252.227-7039(c), as applicable) for submission of a copy of the patent application, when filed, along with the patent application serial number, filing date, subsequent U.S. patent number and issue date, as received.

# G-314 TYPE OF CONTRACT (OCT 1999)

The type of contract for this action is Firm Fixed Price,

NOTICE: The following contract clauses pertinent to this section are hereby incorporated in full text:

## A. OTHER CONTRACT CLAUSES IN FULL TEXT

## HOOL OPTIONS (MAY 1997)

The Government reserves the right to exercise the following option(s) subject to the stated conditions. In the event an option is exercised, the affected sections of the contract, e.g., Section B, Section F, Section G, etc., will be modified as appropriate.

# H025 INCORPORATION OF SECTION K (QCT 1998)

Section K of the solicitation is hereby incorporated by reference.

## H032 PRINCIPAL INVESTIGATOR (MAR 1998) (TAILORED)

The Beetect Principal Investigator for this effort is Mr. James B. Bernstein. No substitution shall be made without the prior written approval of the SSC SD Procuring Contracting Officer (PCO).

# H033 SOLICITATION NUMBER (APR 1998) (TAILORED)

Solicitation Number: BAA 01-42

#### 5252.243-9400 AUTHORIZED CHANGES ONLY BY THE CONTRACTING OFFICER (JAN 1992)

- (a) Except as specified in paragraph (b) below, no order, statement, or conduct of Government personnel who visit the Contractor's facilities or in any other manner communicates with Contractor personnel during the performance of this contract shall constitute a change under the Changes -Fixed Price clause of this contract.
- (b) The Contractor shall not comply with any order, direction or request of Government personnel unless it is issued in writing and signed by the Contracting Officer, or is pursuant to specific authority otherwise included as a part of this contract.
- (c) The Contracting Officer is the only person authorized to approve changes in any of the requirements of this contract and notwithstanding provisions contained elsewhere in this contract, the said authority remains solely the Contracting Officer's. In the event the contractor effects any change at the direction of any person other than the Contracting Officer, the change will be considered to have been made without authority and no adjustment will be made in the contract price to cover any increase in charges incurred as a result thereof. The address and telephone number of the Contracting Officer is:

NAME James E. Smith Jr., Code 2211 ADDRESS 53560 Hull Street, Building A33, Room 1602W, San Diego, CA 92152-5001 TELEPHONE (619) 553-7504

#### H-325 APPLICATION OF PATENT INDEMNITY (OCT 1999)

The Patent Indemnity Clause (FAR 52.227-3)(APR 1984) incorporated by reference in this contract applies only to supplies or services that normally are or have been sold or offered for sale by any supplier to the public in the commercial open market or that are the same as such supplies or services with relatively minor modifications.

# H-341 EMPLOYMENT OF NAVY PERSONNEL RESTRICTED (OCT 1999)

In performing this contract, the Contractor will not use as a consultant or employ (on either a full or part-time basis) any active duty Navy personnel (civilian or military) without the prior approval of the Contracting Officer. Such approval may be given only in circumstances where it is clear that no law and no DOD or Navy instructions, regulations, or policies might possibly be contravened and no appearance of a conflict of interest will result.

I. NOTICE: The following contract clauses pertinent to this section are hereby incorporated by reference:

# A. FEDERAL ACQUISITION REGULATION CONTRACT CLAUSES

52.202-01	DEFINITIONS (DEC 2001)
52.203-03	GRATUTTIES (APR 1984)
52,203-05	COVENANT AGAINST CONTINGENT FEES (APR 1984)
52.203-06	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT (JUL 1995)
52.203-07	ANTI-KICKBACK PROCEDURES (JUL 1995)
52.203-08	CANCELLATION, RESCISSION, AND RECOVERY OF FUNDS FOR ILLEGAL OR
52,205 00	IMPROPER ACTIVITY (JAN 1997)
52.203-10	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY (JAN 1997)
52.203-12	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS
	(JUN 1997)
52.204-04	PRINTED OR COPIED DOUBLE-SIDED ON RECYCLED PAPER (AUG 2000)
52.209-06	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH
29037,03	CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT (JUL 1995)
52.215-02	AUDIT AND RECORDS NEGOTIATION (JUN 1999)
52.215-08	ORDER OF PRECEDENCEUNIFORM CONTRACT FORMAT (OCT 1997)
52.215-14	INTEGRITY OF UNIT PRICES (OCT 1997)
52.215-14	INTEGRITY OF UNIT PRICES (OCT 1997) - ALTERNATE I (OCT 1997)
52.215-21	REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN
32.213 21	COST OR PRICING DATAMODIFICATIONS (OCT 1997)
52.217-09	OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 2000)
32,21,1-03	Para (a), Period of time 'the current period of performance'
	Para (a), 60 or as appropriate '1'
	Para (c), Number of Months/Years. '16 months'
52.222-03	CONVICT LABOR (AUG 1996)
52.222-21	PROHIBITION OF SEGREGATED FACILITIES (FEB 1999)
52.222-21	EQUAL OPPORTUNITY (APR 2002)
52.222-35	EQUAL OPPORTUNITY FOR SPECIAL DISABLED VETERANS, VETERANS OF THE
34.244-33	VIETNAM ERA, AND OTHER ELIGIBLE VETERANS (DEC 2001)
52,222-36	AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES (JUN 1998)
52.222-37	EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS, VETERANS OF THE
34.444-31	VIETNAM ERA, AND OTHER ELIGIBLE VETERANS (DEC 2001)
52,223-14	TOXIC CHEMICAL RELEASE REPORTING (OCT 2000)
52.225-14	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES (JUL 2000)
52.227-01	AUTHORIZATION AND CONSENT (JUL 1995) - ALTERNATE I (APR 1984)
	NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT
52.227-02	
CO 007 03	(AUG 1996)
52.227-03	PATENT INDEMNITY (APR 1984)
52.227-11	PATENT RIGHTS RETENTION BY THE CONTRACTOR (SHORT FORM) (JUN 1997)
	Para (1), Communications: Office of Patent Counsel, SPAWARSYSCEN San Diego, Code 20012,
	53510 Silver Gate Avenue, San Diego, CA 92152-5765'
52.229-03	FEDERAL, STATE, AND LOCAL TAXES (JAN 1991)
52.232-09	LIMITATION ON WITHHOLDING OF PAYMENTS (APR 1984)
52.232-11	EXTRAS (APR 1984)
52.232-16	PROGRESS PAYMENTS (DEC 2002) - ALTERNATE I (MAR 2000)
52.232-17	INTEREST (JUN 1996)
52.232-23	ASSIGNMENT OF CLAIMS (JAN 1986)
52.232-25	PROMPT PAYMENT (FEB 2002)
52.232-34	PAYMENT BY ELECTRONIC FUNDS TRANSFEROTHER THAN CENTRAL
	CONTRACTOR REGISTRATION (MAY 1999)
	SECTION 1 N66001-03-C-8025

		Para (a), contract number(s): 'N66001-03-C-8025' Para (b), name of contracting agency(ies): 'United States Navy'
-		Para (a), name of contracting agency(ies): 'United States Navy'
	52.235-7010	ACKNOWLEDGMENT OF SUPPORT AND DISCLAIMER (MAY 1995)
	52.232-7004	DOD PROGRESS PAYMENT RATES (OCT 2001)
	52.232-7003	ELECTRONIC SUBMISSION OF PAYMENT REQUESTS (MAR 2003) (MAR 2003)
	52.227-7039	PATENTSREPORTING OF SUBJECT INVENTIONS (APR 1990)
	52.227-7037	VALIDATION OF RESTRICTIVE MARKINGS ON TECHNICAL DATA (SEP 1999)
	52.227-7036	DECLARATION OF TECHNICAL DATA CONFORMITY (JAN 1997)
	52.227-7034	PATENTSSUBCONTRACTS (APR 1984)
	52.227-7030	TECHNICAL DATAWITHHOLDING OF PAYMENT (MAR 2000)
	52.227-7027	DEFERRED ORDERING OF TECHNICAL DATA OR COMPUTER SOFTWARE (APR 1988)
	52.227-7019	VALIDATION OF ASSERTED RESTRICTIONSCOMPUTER SOFTWARE (JUN 1995)
	52.227-7016	RIGHTS IN BID OR PROPOSAL INFORMATION (JUN 1995)
2	52.227-7015	TECHNICAL DATACOMMERCIAL ITEMS (NOV 1995)
1		COMPUTER SOFTWARE DOCUMENTATION (JUN 1995)
	52.227-7014	RIGHTS IN NONCOMMERCIAL COMPUTER SOFTWARE AND NONCOMMERCIAL
	52.227-7013	RIGHTS IN TECHNICAL DATANONCOMMERCIAL ITEMS (NOV 1995)
	52.225-7031	SECONDARY ARAB BOYCOTT OF ISRAEL (JUN 1992)
2	52.225-7012	PREFERENCE FOR CERTAIN DOMESTIC COMMODITIES (FEB 2003)
		GOVERNMENT OF A TERRORIST COUNTRY (MAR 1998)
2	52.209-7004	SUBCONTRACTING WITH FIRMS THAT ARE OWNED OR CONTROLLED BY THE
		THE INTERMEDIATE-RANGE NUCLEAR FORCES (INF) TREATY (NOV 1995)
2	52.209-7000	ACQUISITION FROM SUBCONTRACTORS SUBJECT TO ON-SITE INSPECTION UNDER
	52.205-7000	PROVISION OF INFORMATION TO COOPERATIVE AGREEMENT HOLDERS (DEC 1991)
	52.204-7003	CONTROL OF GOVERNMENT PERSONNEL WORK PRODUCT (APR 1992)
	52.204-7000	DISCLOSURE OF INFORMATION (DEC 1991)
	£0.004.7000	CONTRACT-RELATED FELONIES (MAR 1999)
2	52.203-7001	PROHIBITION ON PERSONS CONVICTED OF FRAUD OR OTHER DEFENSE-
E	. DEFENSE	FEDERAL ACQUISITION REGULATION SUPPLEMENT CONTRACT CLAUSES
5	2.253-01	COMPUTER GENERATED FORMS (JAN 1991)
	2.249-09	DEFAULT (FIXED-PRICE RESEARCH AND DEVELOPMENT) (APR 1984)
	2.249-08	DEFAULT (FIXED-PRICE SUPPLY AND SERVICE) (APR 1984)
	and Valley to	1996)
5	2.249-02	TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE) (SEP
	2.246-25	LIMITATION OF LIABILITY SERVICES (FEB 1997)
	2.246-23	LIMITATION OF LIABILITY (FEB 1997)
	2.244-06	SUBCONTRACTS FOR COMMERCIAL ITEMS (MAY 2002)
	2.244-05	COMPETITION IN SUBCONTRACTING (DEC 1996)
-		were evaluated during negotiations: None'
		Para (k), Paragraphs (d) and (f) of this clause do not apply to the following subcontracts which
		Para (e), approval required on subcontracts to: 'All subcontractors'
3	2.244-02	
<	2.244-02	SUBCONTRACTS (AUG 1998)
		Para (d), Number of calendar days is (insert 30 for RDSS/C) 30 days'
2	2.245-VI	Para (b), Number of calendar days is (insert 30 for RDSS/C) '30 days'
	2.243-07	NOTIFICATION OF CHANGES (APR 1984)
- 75	2,243-01	CHANGES FIXED-PRICE (AUG 1987) - ALTERNATE V (APR 1984)
	2.242-13	BANKRUPTCY (JUL 1995)
	2.233-03	PROTEST AFTER AWARD (AUG 1996)
3	2.233-01	DISPUTES (JUL 2002)
		Para (b)(1) Date EFT information is required: 'no later than 15 days prior to submission of the first request for payment'

252.243-7001 PRICING OF CONTRACT MODIFICATIONS (DEC 1991)
252.243-7002 REQUESTS FOR EQUITABLE ADJUSTMENT (MAR 1998)
252.246-7001 WARRANTY OF DATA (DEC 1991)

II. NOTICE: The following contract clauses pertinent to this section are hereby incorporated in full text:

#### FEDERAL ACQUISITION REGULATION CONTRACT CLAUSES IN FULL TEXT

# 52,211-15 DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS (SEP 1990)

This is a rated order certified for national defense use, and the Contractor shall follow all the requirements of the Defense Priorities and Allocations System regulation (15 CFR 700).

# 52.232-02 PAYMENTS UNDER FIXED PRICE RESEARCH AND DEVELOPMENT CONTRACTS (APR 1984) (TAILORED)

The Government shall pay the Contractor, upon submission of proper invoices or vouchers, the prices stipulated in this contract for work delivered or rendered and accepted, less any deductions provided in this contract. Unless otherwise specified, payment shall be made upon acceptance of any portion of the work delivered or rendered for which a price is separately stated in the contract.

#### Base (CLINs 0001 and 0002):

Under the Contract CLIN 0001's SubCLINs 0001AA-0001AF, payments are contingent upon the receipt of the Contractor's Status Report as called out on CDRL Item A003. The payments will be made on a monthly basis. The final payment is contingent upon the receipt of the Contractor's Status Report as called out on CDRL Item A004.

#### Option I (CLINs 0003 and 0004):

Under the Contract CLIN 0003's SubCLINs 0003AA-0003AK, payments are contingent upon the receipt of the Contractor's Status Report as called out on CDRL Item B003. The payments will be made on a monthly basis. The final payment is contingent upon the receipt of the Contractor's Status Report as called out on CDRL Item B004.

## 52.252-02 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es): http://farsite.hill.af.mil/

#### 52,252-06 AUTHORIZED DEVIATIONS IN CLAUSES (APR 1984)

- (a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the date of the clause.
- (b) The use in this solicitation or contract of any Defense Federal Acquisition Regulation Supplement (48 CFR Chapter 2) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

DOCUMENT	PGS	DATE	TITLE
EXHIBIT A	9	21 APR 2003	SSC SD CONTRACT DATA REQUIREMENTS LIST (CDRL), DD-1423
EXHIBIT B	9	30 APR 2003	SSC SD CONTRACT DATA REQUIREMENTS LIST (CDRL), DD-1423
ATTACHMENT 1	2	20 MAR 2003	SSC SD STATEMENT OF WORK (SOW)
ATTACHMENT 2	1	19 APR 2003	SSD SD ADDITIONAL CLAUSES

.

March 20, 2003 STATEMENT OF WORK BEETECT

# FITLE — HARVESTING BEE TECHNOLOGY FOR CHEMICAL DETECTION AND SECURITY Applicable Documents:

## (A) DARPA DSO BAA 01-42

# (B) BEETECT PROPOSAL "HARVESTING BEE TECHNOLOGY FOR CHEMICAL DETECTION AND SECURITY"

## 1.0 INTRODUCTION

The DARPA sponsored Robolife Program encompasses a multi project effort to explore new technical capabilities through the use of biomimetic platforms or devices. The intent of the program is to demonstrate the application of living or biomimetic systems in field conditions that detect, locate, and navigate toward targets of interest. Efforts to utilize these systems may be derived through the study and exploitation of living subsystems. These systems might be used to map agent concentration or distribution or seek out targets of interest.

#### 2.0 SCOPE

The scope of this effort is to explore the overall capacity of utilizing bees for both active and passive detection of specific targets in operational and real world scenarios. This work will focus on the detection of DNT from landmines and from moving vehicles at check points. The work is broken into 5 main tasks. 1) Initially, the proof of concept of active detection will be explored in a calibrated minefield. 2) Pending a positive result from task 1, an operational system including space-time mapping will be developed. 3) In task 3, passive collection will be brought to an operational level and applied in conjunction with active detection to a customer site. 4) Both passive and active detection will be demonstrated in a real world scenario. 5) The contractor shall explore the capability and further define the optimum operational parameters of this technology.

#### 3.0 PROJECT WORK DESCRIPTION AND REQUIREMENTS

The contractor shall provide the facilities and services necessary to conduct research or shall arrange for sites with others (DoD, Navy), demonstrate the concept in laboratory settings, and provide the services and deliverables described below in accordance with the submitted schedule of the proposal.

#### BASE YEAR OF THE CONTRACT: 6 Months

3.1 The contractor shall perform a study to characterize conditioned bees ability to detect submerged mines in a calibrated mine field involving multiple targets. Performance metrics to be defined shall include probability of detection, false negative and false positive rates, limits of detection, maximum target distance and time for detection. In addition, the Contractor shall investigate work to be performed in Task 3.2 providing specifications of video technology.

#### OPTION YEAR OF THE CONTRACT: 10 Months

- 3.2 The contractor shall perform a study investigating effective space-time mapping technologies applicable to mapping bees in operational scenarios. The contractor shall refine and render operational a reliable, statistically documented space-time mapping platform(s) for hees from selected technology.
- 3.3 The contractor shall perform a field test utilizing a hive collection system and space-time mapping (task2) at a customer site. This field test will explore the capability of both active and passive detection. Passive collection will initially be employed for area reduction followed by active detection of the mines. The contractor shall prepare documentation and specifications relevant to the field test including probability of detection, false negative and false positive rates, limits of detection, maximum target distance and time for detection.
- 3.4 The contractor shall refine and apply the Bee Sensor System to Area Reduction and Mine Detection in a real world scenario.
- 3.5 The contractor shall refine and apply the Bee Sensor System to the Detection of Bombs, Vehicle-based Explosives, Human Transported Explosives at Transit Points and demonstrate feasibility, reliability, and limitations and determine utility

#### Hardware Deliverables

Bee system (excluding bees) including space-time mapping hardware and software and hive conditioning system.

## 4.0 PROGRAM MANAGEMENT AND REVIEWS

#### Semi-annual reviews

he contractor shall hold semiannual reviews for the duration of this effort. The purpose of these reviews is to present a summary of work completed and milestones met, discuss any problems encountered, update the program schedule, present the program financial status, and discuss remaining work.

#### Final Contract Review

A final contract review held in place of the semiannual review, shall be hosted by the contractor. The purpose of this review is to present a summary of all work completed and milestones accomplished and to discuss any relevant future efforts similar to the contract, which may be pursued.

## 5.0 GOVERNMENT FURNISHED PROPERTY

None.

#### 6.0 TRAVEL

Travel is authorized for program reviews and field tests. One program review per year is expected, travel to field demonstration site will be authorized.

#### 7.0 OTHER

#### 7.1 Place of Performance

The research will primarily take place at locations are aligned the by the contractor inches the bases and inches the steel

## 7.2 Technical and Administrative Coordinators

Technical Coordinator:

(b)(6)

SSC SD Code D3501

San Diego, CA 92152

(619) 553-3889

(b)(6

Administrative Coordinator:

(b)(6)

SSC SD Code D3502

San Diego, CA 92152

(b)(6)

# 19 APRIL 2003 ADDITIONAL CLAUSES

# 3-318 PATENT MATTERS POINT OF CONTACT (OCT 1999)

The Point of Contact regarding Patent Matters for this contract is:

OFFICE OF PATENT COUNSEL SPAWARSYSCEN Code 20012 53510 Silver Gate Avenue San Diego, CA 92152-5765 Telephone: 619-553-3001

# H-336 RIGHTS IN MASK WORKS (DEC 2002)

(a) Definitions.

As defined in 17 U.S.C. §901--

"Semiconductor chip product" is the final or intermediate form of any product-

- (A) having two or more layers of metallic, insulating, or semiconductor material, deposited or otherwise placed on, or etched away or otherwise removed from, a piece of semiconductor material in accordance with a predetermined pattern; and
- (B) intended to perform electronic circuit functions.

"Mask work" is a series of related images, however fixed or encoded--

- (A) having, or representing the predetermined, three-dimensional pattern of metallic, insulating, or semiconductor material present or removed from the layers of a semiconductor chip product; and
- (B) in which series the relation of the images to one another is that each image has the pattern of the surface of one form of the semiconductor chip product.
- (b) For any and every mask work generated in the performance of work under this contract, the contractor grants to the Government a non-exclusive, irrevocable, royalty free, worldwide license to:

(1) reproduce or have reproduced the mask work by optical, electronic, or any other means; and

- (2) import or distribute or have imported or distributed a semiconductor chip product in which the mask work is embodied.
- (c) The contractor shall include this clause, suitably modified to replace "contractor" with "subcontractor" in all subcontracts, regardless of tier, in which a mask work is likely to be created in the performance of the work under the subcontract. The contractor shall not obtain rights in the subcontractor's mask works as any part of the consideration for awarding the subcontract,.
- (d) This license is specific to mask work rights and shall not be construed to broaden any proprietary rights to technical data or computer software.

H-356 SUBMISSION OF INTERIM AND FINAL INVENTION REPORTS AND NOTIFICATION OF ALL SUBCONTRACTS FOR EXPERIMENTAL, DEVELOPMENTAL, OR RESEARCH WORK

- (a) This contract contains the FAR 52.227-11 "Patent Rights--Retention by the Contractor (Short Form)" clause (including the DFARS 252.227-7039 "Patents--Reporting of Subject Inventions", and 252.227-7034, "Patents-Subcontracts" clauses), the FAR 52.227-12 "Patent Rights--Retention by the Contractor (Long Form)" clause, or the FAR 52.227-13 "Patent Rights--Acquisition by the Government" clause.
- (b) Under these clauses, the Contractor is required to submit interim and final invention reports and notification to the Government of all subcontracts for experimental, developmental, or research work. The interim and final invention reports and notification of all subcontracts for experimental, developmental, or research work may be submitted on DD Form 882 "Report of Inventions and Subcontracts."

(c) The Contractor shall submit interim and final invention reports and notification all subcontracts for experimental, developmental, or research work, including negative reports, to:

ffice of Patent Counsel Attn: James A. Ward SPAWARSYSCEN Code 20012 53510 Silver Gate Avenue San Diego, CA 92152-5765

(d) The Office of Patent Counsel designated above will represent the Contracting Officer with regard to invention reporting matters arising under the contract.

## H-358 APPLICATION OF DFARS 252,227-7013 AND 252,227-7015 TECHNICAL DATA CLAUSES (AUG 2001)

The DFARS 252.227-7015, Technical Data--Commercial Items, clause applies to technical data that pertains to a "commercial item" as defined in the DFARS 252.227-7015 clause. The DFARS 252.227-7013, Rights in Technical Data--Noncommercial Items, clause applies to all other technical data.

(End of Clause)

AMENDMENT OF SOLICITA	TONMODIFICATION	OF CONTRACT		1, CONTRA	CT ID CODE	PAGE OF PAGES
AMENDMENT/MODIFICATION NO. P00002	3. EFFECTIVE DATE 16 SEP 2003	4. REQUISITION/PURCHASE REQ.NO. 6. PROJECT NO. ( SEE SCHEDULE				
ISSUED BY 2211 CODE	N66001	7. ADMINISTERED	Y (Hot	her than Item 6)		ODE S2101A
PAWAR SYSTEMS CENTER SAN DIEG 9580 HULL STREET AN DIEGO, CA 92152-5001 LIVER WONG (619) 553-4507 Iver.wong@navy.mil	30	DCMA BALTIMO 217 EAST REDV SUITE 1800 BALTIMORE MI	VOOD	Oct. Stanto		
NAME AND ADDRESS OF CONTRACTOR (No.,	street, county, State and ZIP Co.	(h)	[00]	SA. AMENDMEN	NT OF SOLICIT	ATION NO.
EETECT, LLC 250 24TH ST. NW STE 850 ASHINGTON DC 20073-122				98. DATED (SE	E ITEM 11)	
· //(100-2014-1002-8014-20-32-0			~		1-03-C-8025	RACT/ORDER NO.
			X	10B. DATED (SE		
DDE 3EAZ9	FACILITY CODE		1	21 APR		
	ITEM ONLY APPLIES TO	O AMENDMENTS	OF S			
A. THIS CHANGE ORDER IS ISSUED PUR 10A.  B. THE ABOVE NUMBERED CONTRACT/ expropriation data, etc.) SET FORTH IN C. THIS SUPPLEMENTAL AGREEME Mutual Agreement of the Parties D. OTHER (Specify type of modification	ORDER IS MODIFIED TO REFL I ITEM 14, PURSUANT TO THE NT IS ENTERED INTO PUR	AUTHORITY OF FAR	TIVE 0	HANGES (such ba		
. IMPORTANT: Contractor is not, in DESCRIPTION OF AMENDMENT/MODIFICATION LEASE SEE SCHEDULE PAGE FOR IN	ON (Organized by UCF section)	headings, Including solic	Hallonk	ontract subject ma	iter where feual	b(e)
capt as provided herein, all terms and conditions of A. NAME AND TITLE OF SIGNER (Type of print)	the document referenced in ken	n 9A or 10A, as heretofo				force and affect.
James E. Bernstein, P.I.	and CEO	JAMES E	. SMI		- Pility	
B. CONTRACTOR/OFFEROR	ISC. DATE SIGNED	168, UNITED STA		FAMERICA	-	18C. DATE SIGNED
Signature of person authorized (6 sign)	9/17/2003		(b)(6	)		9-18-03
N 7640-01-152-5070 REVIOUS EDITION UNUSABLE ONWITTE Version 5.4,1 1ed 17 Sep 2003 9:40 AM	30-105	U		P	TANDARD F rescribed by ( AR (48 CFR)	

The purpose of this modification is to increase the contract Base period's ceiling by \$346,333, incorporate Tasks 3.1.1 and 3.1.2 to the Statement of Work, add additional funding of (b)(4) to SubCLINs 0001AE - AG, and extend the Base's performance period from 20 Oct 2003 to 20 Nov 2003; also to decease the contract Option I's ceiling by (b)(4) and modify its performance period from 10 months to 9 months; and to revise FAR 52.232-02's paragraphs.

#### 1. Statement of Work:

Under Section 3.0, Project Work Description and Requirements Incorporate the following Sections 3.1.1 and 3.1.2:

## 3.1.1

The contractor shall perform studies investigating the feasibility of using conditioned bees to identify vehicles carrying hidden explosives and people carrying hidden explosives (suicide bombers). Studies shall be carried out on several distinct explosives and shall include the use of bee counting and alarm software. Contractor shall carry out studies to increase signal to noise ratio focused on increasing bee foraging behavior and total number of conditioned bees per hive.

Contractor shall perform additional detailed studies of standoff detection of large concealed "bombs" using TNT and RDX as conditioning agents and as target compounds.

Contractor shall carry out a simulation that tests the use of conditioned bees to provide visual clues to security personnel scanning for "suicide bombers". Contractor shall provide detailed analysis of results using "blind" experimental design. It is expected that this study will be completed in 90 days from the date of contract.

#### 3.1.2

The contractor shall carry out tests and direct applications of explosive detection systems from 3.1a signal generation (bees) and signal detection (software, video) with military and/or security users. Issues related to operational use shall be addressed. Specific attention will be directed to operational methods, threshold setting, and user ROC requirements, working with actual clients.

#### 2. The dollars breakdown by time frame period is revised as follows:

Base Period (CLINs 0001 and 0002):

Total FFP Contract:	\$1,189,000	.00		
Base dollars are increased by (b)(4) Option dollars are decreased by (b)(4)	, from	(b)(4) (b)(4)	W <sub>1</sub>	
The contract's Total Price of \$1,189,000	remains co	nstant.		
The increase amount of (b)(4) is add	ded to SubC	LINS 0001AE	, 0001 AF and 0001	AG I

The increase amount of (b)(4) is added to SubCLINs 0001AE, 0001AF and 0001AG under the Base period.

3. Add additional funding:

Funds are hereby obligated in the amount of additional funds are hereby obligated in the amount of additional funds are hereby obligated in the amount of additional funds are hereby obligated in the amount of additional funds are made.

The amount currently available for payment and allotted to performance under this contract is additional funds are made.

It is estimated that these funds will cover the cost of performance through 20 November 2003. Subject to the provisions of the clause entitled "Limitation of Cost (FAR 52.232-20) of the general provisions of this contract, no legal liability on the part of the Government for payment in excess of additional funds are made.

available and are incorporated as a modification to this contract.

N66001-03-C-8025 P00002

The unfunded balance is zero. The Base period is now fully funded in the amount of \$692,667.00.

4. A funding summary (including this increment) is as follows:

ACRN AA (b)(4)
(b)(4)
Total (b)(4)

(Contract Award) (P00002)

5. The contractor shall bill on a First-In-First-Out ( FIFO) basis.

6. The Base and Option I's performance periods are revised as follows:

Base - Period of Performance: 7 months, 21 April 2003 - 20 November 2003 Option I - Period of Performance: 9 months, 21 November 2003 to 20 August 2004

7. FAR 52.232-02 is revised as follows:

# 52.232-02 PAYMENTS UNDER FIXED-PRICE RESEARCH AND DEVELOPMENT CONTRACTS (APR 1984) (TAILORED)

The Government shall pay the Contractor, upon submission of proper invoices or vouchers, the prices stipulated in this contract for work delivered or rendered and accepted, less any deductions provided in this contract. Unless otherwise specified, payment shall be made upon acceptance of any portion of the work delivered or rendered for which a price is separately stated in the contract.

Base (CLINs 0001 and 0002):

Under the Contract CLIN 0001's SubCLINs 0001AA-0001AF, payments are contingent upon the receipt of the Status Report as called out on CDRL Item A003. The payments will be made on a monthly basis. Under the Contract CLIN 0001's SubCLIN 0001AG, the final payment is contingent upon the receipt of the Status Report as called out on CDRL Item A004.

Option I (CLINs 0003 and 0004):

Under the Contract CLIN 0003's SubCLINs 0003AA-0003AH, payments are contingent upon the receipt of the Status Report as called out on CDRL Item B003. The payments will be made on a monthly basis. Under the Contract CLIN 0001's SubCLIN 0001AJ, the final payment is contingent upon the receipt of the Status Report as called out on CDRL Item B004

All other terms and conditions remain unchanged.

ITEM	SUPPLIES OR SERVICE	Qty S Purch Unit	Unit Price Total Item Amount
0001AE	CLIN Change		(b)(4)
	Noun: New Total Item Amount: ACRN: PR/MIPR: Contract type: Start Date: Completion Date:	CONTRACTOR'S STATUS REPORTS (b)(4)  AA  3241-3580 (b)(4)  J - FIRM FIXED PRICE ASREQ 20 SEP 2003	

Qty Unit Price ITEM SUPPLIES OR SERVICES Purch Unit Total Item Amount 0001AF **CLIN Change** CONTRACTOR'S STATUS REPORT IAW CDRL A003 Noun: New Total Item Amount: ACRN: AA PR/MIPR: 3241-3580 J - FIRM FIXED PRICE Contract type: Start Date: ASREQ Completion Date: 20 OCT 2003 0001AG CLIN Establish CONTRACTOR'S STATUS REPORT IAW CDRL A004 Noun: ACRN: AA 3241-3580 PR/MIPR: DD1423 is Exhibit: A Contract type: J - FIRM FIXED PRICE Start Date: ASREQ 20 NOV 2003 Completion Date: Obligation ACRN Appropriation/Lmt Subhead/Supplemental Accounting Data Amount AA **ACRN Change** 97 X4930 NH3P 000 77777 0 066001 2F 000000 1000002303AA New ACRN Amount: On CLIN 0001AE: Funding breakdown: On CLIN 0001AF: On CLIN 0001AG: PR/MIPR: 3241-3580 Descriptive data: SAP no. 1000002303 Tracking no. 3241-3580 DUNS no.129083569 AO/AMD NO. P898/01 Program Element no. 0602712E FY03

	TON/MODIFICATION	OF CONTRACT		1. CONTRAC	, ID CODE	PAGE OF PAGES
PO0003	3. EFFECTIVE DATE 20 NOV 2003	4. REQUISITION/PURCHASE REQ.NO. 8. PROJECT NO.			ECT NO. (If applicable)	
ISSUED BY 222 CODE	N66001	7. ADMINISTERED BY (	Cother	than Item 6)	C	ODE   \$2101A
PAWAR SYSTEMS CENTER SAN DIEG 3560 HULL STREET AN DIEGO, CA 92152-5001 DLIVER WONG (619) 553-4507 Ilver.wong@navy.mil	0	DCMA BALTIMORE 217 EAST REDWOO SUITE 1800 BALTIMORE MD 2	OD S			
NAME AND ADDRESS OF CONTRACTOR (No., 5)	mel county Stelle and 719 Coo	(0)	0 10	A. AMENDMENT	OF SOLICITA	ATION NO.
EETECT, LLC 250 24TH ST. NW STE 850 (ASHINGTON DC 20073122	sound one and an			B. DATEO (SEE		
		7	x	N66001	03-C-8025	RACT/ORDER NO.
			1	OB, DATED (SEE		
DOE 3EAZ9	TEM ONLY APPLIES TO	AMENDUENES	501	21 APR 2	003	
A. THIS CHANGE ORDER IS ISSUED PUR 10A.	RDER IS MODIFIED TO REFL	RDER NO. AS DESC LANGES SET FORTH IN ITE ECT THE ADMINISTRATIV	EM 14 A E CHA 03(b).	D IN ITEM 14 ARE MADE IN TH NGES (such as c	E CONTRACT	
appropriation data, etc.) SET FORTH IN C. THIS SUPPLEMENTAL AGREEMEN	T IS ENTERED INTO PUR		Y OF:			
THIS SUPPLEMENTAL AGREEMEN Mutual Agreement of the Parties  D. OTHER (Specify type of modification	NT (S ENTERED INTO PUR	SUANT TO AUTHORIT				
appropriation data, etc.) SET FORTH IN  C. THIS SUPPLEMENTAL AGREEMEN Mutual Agreement of the Parties  D. OTHER (Specify type of modification)  IMPORTANT: Contractor is not, is not, is not, is not, is not, is not, in the purpose of this modification is to extension is at no cost to either party.  If other terms and conditions remain unchanged as provided herein, all terms and conditions of the purpose of the	NT (SENTERED INTO PUR  and authority)  Is required to sign this docu in (Organized by UCF section) id the contract completion anged.	ment and return 1 copy to the addings, including solicites in date from 20 Novem	the last lowcon aber 2	ling office. trect subject methology to 31 De	cember 200	03,
appropriation data, etc.) SET FORTH IN  C. THIS SUPPLEMENTAL AGREEMEN Mutual Agreement of the Parties  D. OTHER (Specify type of modification)  IMPORTANT: Contractor is not, is not, is not, is not, is not, is not, in the purpose of this modification is to extension is at no cost to either party.  If other terms and conditions remain unchanged as provided herein, all terms and conditions of the purpose of the	NT (S ENTERED INTO PUR  n and authority)  Is required to sign this docu N (Organized by UGF section) In the contract completion anged.  The document referenced in Item	ment and return 1 copy to the addings, including solicites and date from 20 November 19A or 10A, as heretofore of 18A. NAME AND TITE JAMES E. S	hangee	uing office.  trect subject mathe 2003 to 31 De  (, remains uncher	cember 200	03,
is proprietion dets, etc.) SET FORTH IN  C. THIS SUPPLEMENTAL AGREEMEN Mutual Agreement of the Parties  D. OTHER (Specify type of modification)  IMPORTANT: Contractor is not, and is not, and is not, and is not is not in the purpose of this modification is to extension is at no cost to either party, all other terms and conditions remain unch except as provided herein, all terms and conditions of the purpose of the provided herein, all terms and conditions of the provided herein, all terms and conditions of the provided herein, all terms and conditions of the purpose of the provided herein, all terms and conditions of the provided herein, all terms and conditions of the provided herein, all terms and conditions of the purpose of the provided herein, all terms and conditions of the purpose of the provided herein.	Is required to sign this document referenced in Item  15C, DATE SIGNED	ment and return 1 copy to the soliday, including soliditals in data from 20 Novem	hangoo	ing office. trect subject methods to 31 De trect subject subject methods to 31 De trect subject	cember 200	16C. DATE SIGNED
appropriation dets, etc.) SET FORTH IN  C. THIS SUPPLEMENTAL AGREEMEN Mutual Agreement of the Parties  D. OTHER (Specify type of modification)  IMPORTANT: Contractor is not, is not, is not, is not, is not, is not purpose of this modification is to extension is at no cost to either party.  If other terms and conditions remain unchanged as provided herein, ell terms and conditions of the A. NAME AND TITLE OF SIGNER (Type or print)  Townes G. Been Ste	Is required to sign this docu N (Organized by UCF section) In the contract completion anged.  The document referenced in light	ment and return 1 copy to the adings, including solicitation date from 20 Novem 18A or 10A, as heretofore contracting officents of the contracting officents. United State	hangoo	ing office.  trect subject mathe  2003 to 31 De  1, remains uncher  SIGNER (Type of JR  MERICA	cember 200	O3,

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AMENDMENT OF SOLK	TATIONMODIFICATIO	N OF CONTRACT		1. CONTRAC	TID CODE	PAGE OF PAGES
P00005	3. EFFECTIVE DATE 16 JAN 2004	A. REQUISMONPURO SEE SCHEDUL		Q.NO.	ECT NO. (If applicable)	
, ISSUED BY 222 CO	SSUED BY 222 CODE N66001 T. ADMINISTERED BY					ODE   \$2101A
SPAWAR SYSTEMS CENTER SAN 3560 HULL STREET, SAN DIEGO, CA 92152-5001 ILTHEA KANEASTER 619-553-4 Uthea.Kaneaster@navy.mil		DCMA BALTIMOR 217 EAST REDWO SUITE 1800 BALTIMORE MD	OD ST			
. NAME AND ADDRESS OF CONTRACTOR BEETECT, LLC 250 24TH ST, NW STE 850 VASHINGTON DC 20073122	(No., street, county, State and ZIP C	(ade)	TL	A DATEO (SEE	44.	ATION NO.
VASHINGTON DC 20073-122		F	X 10		ON OF CON-	RACT/ORDER NO.
CODE 3EAZ9	FACILITY CODE		7	B. DATED (SEE	ITEM 13)	
	THIS ITEM ONLY APPLIES	TO AMENDMENTS O	SOLI		-	
A. THIS CHANGE ORDER IS ISSUE 10A.  B. THE ABOVE NUMBERED CONT appropriation of the control of t	RACTIORDER IS MODIFIED TO RE RTH IN ITEM 14, PURSUANT TO TH EEMENT IS ENTERED INTO P ant of Parties in accordance	CHANGES SET FORTH IN IT FLECT THE ADMINISTRATI HE AUTHORITY OF FAR 43. PURSUANT TO AUTHOR	CRIBEI TEM 14 A VECHANIOS(b).	D IN ITEM 14 RE MADE IN TH	ie contrac	
D. OTHER (Specify type of mod	Hicabon and suthority)					
E. IMPORTANT: contractor					-	i
14. DESCRIPTION OF AMENDMENTMODE The purpose of this modification is to 2004 through 14 June 2004 in accord Continued on page 2.	exercise Option Period One	(1) Contract Items 00	3 and			The State of the S
example as provided herein, all learns and condition. Have and title of signer (type or Lands and Secretary)	print),	JAMES E.	SMITH	GNER GYAP O	ged and in hi	I force and effect.
SB. CONTRACTOR/OFFEROR  Aunus S. Beus S.  (Fignature of person authorized to sign)	16C. DATE SIGNE	Contracting Of		WERICA	Ī	1-15-04
NSN 7640-01-152-8070 PREVIOUS EDITION UNUSABLE ConWrite Version 5.5.5 Created 13 Jan 2004 10:17 AM	30-105	0		Pr	ANDARD F	

As a result of exercising Option Period One the following will apply:

ITEM
Section B
0003 OPTION CLIN
R&D IAW the revised SOW dtd 17 Dec 2003
DD1423 is Exhibit: B

Descriptive Data:

Research and development efforts to explore the overall capacity of utilizing bees for both active and passive detection of specific targets in operational and real world scenarios in accordance with the revised Statement of Work, dtd 17 Dec 2003, Attachment 1.

Period of Performance: 5 months, 15 Jan 2004 - 14 June 2004

This contract CLIN 0003 contains 5 progress payments, 1 Payment per month for a 5 month performance period.

Submit Contract Status Report per month period in accordance with CDRL Items B003 and B004

#### OPTION 1 I (CLINs 0003 and 0004):

Under the Contract CLIN 0003's Sub CLINS's 0003AA-0003AD, payments are contingent upon the receipt of the Status Report as called out on CDRL Item 8003. The payments will be made on a monthly basis. Under the Contract (CLIN 0003's SubCLIN 0003AE), the final payment is contingent upon the receipt of the Status Report as called out on CDRL 0004.

UNIT Price (Sub CLINS 0003AA-0003AE) (b)(4)
Quantity and Purchase Unit: 1LT

#### 0004 OPTION CLIN

NOUN: DATA IAW THE CDRLS, DTD 21 APR 2003
Data in accordance with the Contract Data Requirements List (CDRLS), DD FORM 1423-1, SECTION J, EXHIBIT B.

Unit Price Not Separately Priced Quantity and Purchase Unit: 1 LOT

The dollars breakdown by time frame period is as follows:

Option Period (CLINs 0003 and 0004): (b)(4)

N66001-03-C-8025 P00005

PAGE 2 OF 4

ITEM	SUPPLIES OR SERVICE	S Qty Purch U	nit	Unit Price Total Item Amount
0003	CLIN Establish			(b)(4)
	Unit Price (SubCLINS	00003AA-0003AE):	(b)(4) <b>00</b>	(5)(4)
003AA	CLIN Establish			(b)(4)
	Noun: ACRN: PR/MIPR: DD1423 is Exhibit: Contract type: Start Date: Completion Date:	CONTRACTOR'S STA AA 4005-3500 B J - FIRM FIXED PRIC ASREQ 20 FEB 2004	<b>o</b> (b)(4)	W CDRL B003
BAE000	CLIN Establish			(b)(4)
	Noun: ACRN: PRMIPR: DD1423 is Exhibit: Contract type: Start Date: Completion Date:	CONTRACTOR'S STA AA 4005-3500 B J - FIRM FIXED PRIC ASREQ 20 MAR 2004	(b)(4)	AW CDRL B003
0003AC	CLIN Establish			(b)(4)
	Noun: ACRN: PR/MIPR: DD1423 is Exhibit: Contract type: Start Date: Completion Date:	CONTRACTOR'S STA AA 4005-3500 B J - FIRM FIXED PRIC ASREQ 20 APR 2004	(b)(4)	
0003AD	CLIN Establish			(b)(4)
	Noun: ACRN: PRMIPR: DD1423 is Exhibit: Contract type: Start Date: Completion Date:	CONTRACTOR'S ST. AA 4005-3500 B J - FIRM FIXED PRIC ASREQ 20 MAY 2004	(b)(4)	AW CDRL B003
0003AE	CLIN Establish			(b)(4)
	Noun: ACRN: PR/MIPR: DD1423 is Exhibit: Contract type: Start Date: Completion Date:	CONTRACTOR'S ST AA 4005-3500 B J - FIRM FIXED PRIC ASREQ 14 JUN 2004	(b)(4)	AW CDRL B004
				PAGE 3 OF

0004

CLIN Establish

Noun:

DATA IAW THE CDLRS, DTD 21 APRIL 2003

Descriptive Data:

Data in accordance with the Contract Data Requirements List (CDLRs), DD Form 1423-1, Section J, Exhibit B.

Unit Price Not Separately Priced Quantity and Purchase Unit: 1 LOT

ACRN

Appropriation/Lmt Subhead/Supplemental Accounting Data

Obligation Amount

NSP

AA

ACRN Change 97 X4930 NH3P 000 77777 0 086001 2F 000000 1000002303AA New ACRN Amount: \$200,000.00

Funding breakdown:

On CLIN 0003AA: On CLIN 0003AB

On CLIN 0003AC

On CLIN 0003AD On CLIN 0003AE

PRMIPR:

4005-3500

Descriptive data: SAP no. 1000002303 Tracking No. 4005-3500

DUNS no.129083569 AO/AMD NO. P898/02

Program Element no. 0802712E FY04

Reference No. N0003804AFR1304 Document No. N0003804WXZZ082

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PAGE 4 OF 4

#### CONTRACT DATA

#### LQUIREMENTS LIST

(1 Data Item)

## Form Approved OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, pathering and maintaining the data needed, and completing and reviewing the collection of information of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions to tucing the burden, to Department of Defense, Washington Readquarters Services, Directorate for information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arington, VA 22202-4302, to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the einment Issuing Contract Officer for the Contract/PR No. listed in Block E.

A. COMPRACT LINE IVEN NO.	B. EXHIBIT		C. CATEGORY:							
		A		TOP TH		- 0	PER	MISC		
D. SYSTEM/ITEM		1	M. CONTRACT/PR IN	0.		F. CONTRAC	TOR	-	-	_
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16. REMARKS		TEAL WILL		A Control of the Cont	LO ADA	M/F COD	E 23501	0	1	0
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orr meeting.						M/F Cod	e 2211	0	1	0
Blks 10, 12, & 1	3: Submit	with the	quarterly report	due 28 Feb, 3	1 May, 30	M/F COD	E 23504	0	1	0
Aug, and 30 Nov.						M/F COD	E 2213	0	1	0
edrl@spawar.navy										
						15. Tota	1>	0	5	0
O. PREPARED BY	B.	DATE	r.	APPROVED BY			J. DATE			
(b)(6)	04/14/2003						04/21/20	03		

DD FORM 1423-1, FEB 2001

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Page 1 of 9

#### CONTRACT DATA

#### QUIREMENTS LIST

(1 Data Item)

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A. CONTRACT LINE I	TEM NO.	B. EXRES	I.	C. CATEGORY:		ОТНЯЯ		10				
		A		TDP	TH	OTHER	MISC					
D. SYSTEM/ITEM			M. CONTRACT/PR NO.			Y, CONTRACTOR						
BEE TECH CHEMIC	AL DETECTION	1	466007-03-C-XXXX	1	13	BESTECT						
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4. AUTHORITY DI-ADMN-81373			5. CONTRACT REFE	6. REQUIRING OFFICE SPAWARSYSCEN SD								
7. DD250 REQ LT	9. DIST STAT		ASREQ	12. FIAST BURN	BROM	14. DIST	D. COPIES					
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16. REMARKS	-		-			M/F CODE 23501	1	0				
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# CONTRACT DATA LEQUIREMENTS LIST

(1 Data Item)

## Form Approved OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining this data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for riging this burden, to Department of Defense, Washington Headquarters Senvices, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Artington, VA 22202-4302, to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503, Please DO NOT RETURN your form to either of these addresses. Send completed form to the /emment Issuing Contract Officer for the Contract/PR No. Risted in Block E.

A. CONTRACT LINE ITEM NO.		B. EXHIBIT		C. CATEGORY:								
		A		TOP	TH	OTER	MISC					
D. SYSTEM/ITEM	****	1	E. CONTRACT/PR I	ю.		F. CONTRACTOR						
BEE TECH CHEMIC	AL DETECTION		N66001-03-C-XXX	cx /		BEETECT						
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A003	Statua R	eport			Monthly	ly Report						
4. AUTHORITY			5. CONTRACT RES	PERENCE		6. REQUIRING OFFICE		-	-			
DI-MGMT-80368			SOW para 3.0			SPAWARSYSCEN SD	3501					
7. DD250 REQ	9. DIST STAT	TEMENT	10. PREQUERCY	12. FIRST SU	RMISSION .	14. DIST	RIBUTION					
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bulleted and lim addressed:	ited to 5-10	pages.	The following	sections should	be		-					
1. Executive Sum last quarterly re 2. Milestone rep milestones within 3. Productivity: submitted or pub: 4. Technology Trof expected technology Blk 14: Deliver	eport.  ort by task  the projec  Provide gra  lished abstra  ansitions:	from the t. aphics of acts, pap Provide derables.	SOW: Report or all data as it ers and press a escription of p	the status of relates to proceleases.	all ogress, context			c	0			
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## CONTRACT DATA

QUIREMENTS LIST

(1 Data Item)

## Form Approved OMB No. 0704-0188

Public reporting burden for this coSection of Information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining this burden estimate or any other aspect of this collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for ring this burden, to Department of Defense, Washington Headquarters Sendoes, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Artington, VA 22202-4302, ithe Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the numeric lessing Contract Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.		B. REBIBIT		C. CATEGORY:									
D. SYSTEM/ITEM E. COSTRACT/PR NO.			TOP		TH	OTHER	HISC						
D. SYSTEM/ITEM		_	E. COSTRACT/DR	NO.			F. CONTRACTOR		-	-			
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4. AUTHORITY DI-MGMT-80368			The state of the s				6. REQUIRING OFFICE SPAWARSYSCEN SD						
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DD FORM 1423-1, FEB 2001

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Page 4 of 9

#### CONTRACT DATA

JUIREMENTS LIST

(1 Data Item)

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A. CONTRACT LINE ITEM NO.		a. exhibit		C. CATEGORY:							
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D. SYSTEM/ITEM		1	E. CONTRACT/PR NO	•		. CONTRACTOR					
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16. REMARKS						M/F CODE 23501	0	1	0		
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are completed or						M/F CODE 23504	0	1	0		
						15. Total>	0	4	0		

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Page 5 of 9

QUIREMENTS LIST

(1 Data Itam)

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OMB No. 0704-0188

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A. CONTRACT LINE I	TEN NO.	B. EXHI	BIT	C. CATEGORY:					
		A		TDP	714	OTERA	MISC		
D. SYSTEM/ITEM			E. CONTRACT/PR N	0.		F. CONTRACTOR		-	
BEE TECH CHEMIC	AL DETECTION	N	N66001-03-C-XXX	x /		BEETECT			
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A006	Coording	ated Test	plan		Overal	test plan			
4. AUTHORITY DI-MGMT-80937			5. CONTRACT REP SOW para 3.0	RRENCE	-	6. REQUIRING OFFICE SPAWARSYSCEN SD 3501			
7. DD250 REQ	9. DIST ST	TENCHA	10. FREQUENCY	12. FIRST MUNI	ELEBION	14. DIST	RIBUTION		
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DD FORM 1423-1, FEB 2001

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Page <u>6</u> of <u>9</u>

## CONTRACT DATA \_\_\_\_\_\_\_\_\_UIREMENTS LIST

(1 Data Item)

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A. CONTRACT LINE LYEM NO.   1		B. EXEL	B. EXELBIT C. CATEGORY:						
		A		TDP	TH	OZEER	MISC		
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BEE TECH CHEMIC	AL DETECTION	N	N66001-03-C-XX	xx /		BEETECT			
1. DATA ITEM NO.	2. TITLE	OF DATA IT	next		2. SUBT	ITLE			
A007	Computer	r Software	e System Docume	nt	Custom	Software Documenta	tion		
4. AUTHORITY			5. COMPRACT RE			6. REQUIRING OFFICE			
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Page 7 of 9

#### QUIREMENTS LIST

(1 Data Item)

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A. CONTRACT LINE ITEM NO.		B. REHIT	B. EXHIBIT C. CATEGORY:				-		
		A.		YDY	734	OTHER	MISC		
D. SYSTEM/ITEM		1	E. CONTRACT/PR NO.	-		F. CONTRACTOR			
BEE TECH CHEMICA	L DETECTION	1	N66001-03-C-XXXX	1		BEETECT			
1. DATA ITEM NO.	2. TITLE	OF DATA IT			3. SUBT:	TM			
800A	Hardware	Diagnost	ic Test System De	evelopment Pla	Hardway	e/Software Descrip	tion		
4. AUTHORITY DI-ATTS-80005			5. CONTRACT REFERSON para 3.0	EDICE.	1	6. REQUIRTED OFFICE SPAWARSYSCEN SD			
7. DD250 REQ	9. DIST STAT	TENENT	10. FREQUENCY	12. FIRST BUSH	TROICH	14. DIST	RIBUTION		
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16. REMARKS				SEE BER 16		M/F Code 23501	0	1	0
Blk 10: The cont	ractor shall	1 provide	intial descript	ions and update	the	M/F Code 23301	10	1	0
description as ne	eded.					M/F CODE 23504	0	1	0
Blks 12 & 13: The	contractor	shall no	ovide this infor	nation with the		M/F DARPA DSO	0	1	0
Blk 14: Deliver									

## ATTACHMENT 1 DD-1423

## THE CONTRACTOR SHALL APPLY THE FOLLOWING DISTRIBUTION STATEMENT TO EACH DELIVERABLE

#### Do Not Distribute to DTIC or other data depositories

Distribution Limited to DOD and DOD Contractors Only Premature dissemination (date\* statement applied). Other request shall be referred to:

Commanding Officer SPACE AND NAVAL WARFARE SYSTEMS CENTER, SAN DIEGO Code 20271 SAN DIEGO, CA 92152-5001

\*Proper date to be determined by Program Manager and affixed by contractor

#### Marking on documents shall be applied as follows:

Written or Printed Material with Covers and/or Title pages:

Statement printed, typed or stamped on front cover and

title page.

Documents without Covers/Title pages:

Statement typed, printed or stamped on first page.

Drawings:

Statement typed, printed or stamped near title block.

Magnetic tape, cassette, or disk:

Statement typed, printed or stamped on a label affixed to outside of media. Also, the First and Last Pages or resulting hard-copy report or computer printout must be marked with the same statement as appears on the label.

Microfilm:

Statement typed, printed, or stamped on outside of jacket or canister housing the material. Also, the First and Last Pages of resulting hard-copy and the First and Last frames must be marked with the statement. Microfiche headers must contain an abbreviated version of the statement.

QUIREMENTS LIST

(1 Data Item)

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		В		TDP	736	01	THER	MISC		
D. SYSTEM/ITEM		1	E. CONTRACT/PR NO.	_		F. CONTRACT	OR	-	_	
BEE TECH CHEMIC	AL DETECTION		N66001-03-C-XXXX	,		BEETECT				
1. DATA ITEM NO.	2. TITLE	OF DATA IT	TKN .		3. SUBT	ITLE	-			_
B001			r Expenditure Re	port		ly Financ	ial Repor	t		
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Page 1 of 9

## CONTRACT DATA QUIREMENTS LIST

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## Form Approved OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, pathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for funding this burden, to Department of Defense, Washington Headquarters Services, Directionate for Information Operations and Reports, 1215 Jefferson David Highway, Suite 1204, Artington, VA 22202-4302, to the Office of Management and Budget, Papernov Reductions Project (7074-0189), Washington, DC 20503, Please DO NOT RETURN your form to either of these addresses. Send completed form to the

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#### QUIREMENTS LIST

## Form Approved OMB No. 0704-0188

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Public reporting burden for this collection of information is estimated to sverage 110 hours per response, including the time for reviewing instructions, searching existing data ourses, garbeing and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for 'ucing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suits 1204, Arington, VA 22202-4302, to the Office of Management and Budget, Paperwork Reduction Project (0704-0186), Washington, DC 20603. Please DO NOT RETURN your form to either of these addresses. Send completed form to the arriment issuing Contract Officer for the Contract/PR No. listed in Block E.

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BEET TECH CHEMICAL DETECTION  1. DATA ITEM NO.  2. TITLE OF DATA ITEM B008  Hardware Diagnostic Test System Development Pla Hardware/Sc  4. AUTHORITY DI-ATTS-80005  5. CONTRACT REFERENCE SOW DATA 3.0  5. CONTRACT REFERENCE SOW DATA 3.0  FASR SEE BLK 16  10. FREQUENCY R/ASR SEE BLK 16  11. AS OF DATE N/A  15. REMARKS Blk 10: The contractor shall provide intial descriptions and update the description as needed.  M/M				
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## ATTACHMENT 1 DD-1423

# THE CONTRACTOR SHALL APPLY THE FOLLOWING DISTRIBUTION STATEMENT TO EACH DELIVERABLE

#### Do Not Distribute to DTIC or other data depositories

Distribution Limited to DOD and DOD Contractors Only

Premature dissemination (date\* statement applied).

Other request shall be referred to:

Commanding Officer SPACE AND NAVAL WARFARE SYSTEMS CENTER, SAN DIEGO Code 20271 SAN DIEGO, CA 92152-5001

\*Proper date to be determined by Program Manager and affixed by contractor

## Marking on documents shall be applied as follows:

Written or Printed Material with Covers and/or Title pages: Statement printed, typed or stamped on front cover and

title page.

Documents without Covers/Title pages:

Statement typed, printed or stamped on first page.

Drawings:

Statement typed, printed or stamped near title block.

Magnetic tape, cassette, or disk:

Statement typed, printed or stamped on a label affixed to outside of media. Also, the First and Last Pages or resulting hard-copy report or computer printout must be marked with the same statement as appears on the label.

Microfilm:

Statement typed, printed, or stamped on outside of jacket or canister housing the material. Also, the First and Last Pages of resulting hard-copy and the First and Last frames must be marked with the statement. Microfiche headers must contain an abbreviated version of the statement.

Page 9 of 9

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SPAWAR SYSTEMS CENTER SAN DIEG 53560 HULL STREET SAN DIEGO, CA 92152-5001 ALTHEA KANEASTER 619-553-4461 Althea.Kaneaster@navy.mil	DCMA BALTIMON 217 EAST REDW SUITE 1800 BALTIMORE MD	1000					
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)			(X)	BA. AMENDMENT OF SOLICITATION NO.			
BEETECT, LLC				ŤĹ			
1250 24TH ST. NW STE 850 WASHINGTON DC 20073122				9B. DATED (SEE IT	EM 11)		
				10A. MODIFICATIO			
		X	N66001-03-C-8025				
CODE 3EAZ9	FACILITY CODE		1	21 APR 20	•		
	ITEM ONLY APPLIES TO	O AMENDMENTS	OF \$	1 1			
The above numbered solicitation is amended as					is extended	is not extended.	
A. THIS CHANGE ORDER IS ISSUED PUI 10A.  B. THE ABOVE NUMBERED CONTRACT: appropriation data, etc.) SET FORTH II  X C. THIS SUPPLEMENTAL AGREEMI	In offer sheady submitted, such of diprior to the opening hour and differentiated)  EM APPLIES ONLY TO MIFIES THE CONTRACT/ORSUANT TO: ( ) THE CHOORDER IS MODIFIED TO REFLANTED IN TO THE ENT IS ENTERED INTO PURITY of Parties in accordance with the properties of the contract of the cont	nange may be made by the specified.  ODIFICATION OF DRDER NO. AS DEHANGES SET FORTH IN ECT THE ADMINISTRATE AUTHORITY OF FAR 4	CON SCR I ITEM TIVE C 3.103(	TRACTS/ORDERS IBED IN ITEM 14.  14 ARE MADE IN THE CHANGES (such as cha	S,  CONTRACT	or letter makes reference	
E. IMPORTANT: Contractor is not, is required to sign this document and return 0 copies				the issuing office.			
14. DESCRIPTION OF AMENDMENT/MODIFICAT The purpose of this modification is to exe 2004 through 14 June 2004 in accordance Continued on page 2.	rcise Option Period One ( e with Section B, this cotr	(1) Contract Items (1) nract is set forth bel	ow:	and 0004 for the po	erformand	e period, 15 Jan	
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofo				enged, remains unchanged and in full force and effect.  E OF SIGNER (Type or print)			
Same Rough CED				ITH JR (J. W.)	print)		
158. CONTRACTOR/OFFEROR  (\$ignature of person authorized to sign)  NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	15C. DATE SIGNED  1 15C. DATE SIGNED  30-105	18B. UNITED STA	ATES	(b)(6)	ANDARD F	16C. DATE SIGNED  1-15-04  ORM 30 (REV.10-83)	

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FAR (48 CFR) 53.243

As a result of exercising Option Period One the following will apply:

ITEM Section B

0003 OPTION CLIN

R&D IAW the revised SOW dtd 17 Dec 2003

DD1423 is Exhibit:

**Descriptive Data:** 

Research and development efforts to explore the overall capacity of utilizing bees for both active and passive detection of specific targets in operational and real world scenarios in accordance with the revised Statement of Work, dtd 17 Dec 2003, Attachment 1.

Period of Performance: 5 months, 15 Jan 2004 - 14 June 2004

This contract CLIN 0003 contains 5 progress payments, 1 Payment per month for a 5 month performance period.

Submit Contract Status Report per month period in accordance with CDRL Items B003 and B004

#### OPTION I I (CLINs 0003 and 0004):

Under the Contract CLIN 0003's Sub CLINS's 0003AA-0003AD, payments are contingent upon the receipt of the Status Report as called out on CDRL Item B003. The payments will be made on a monthly basis. Under the Contract (CLIN 0003's SubCLIN 0003AE), the final payment is contingent upon the receipt of the Status Report as called out on CDRL 0004.

UNIT Price (Sub CLINS 0003AA--0003AE)

Quantity and Purchase Unit: 1LT

#### 0004 OPTION CLIN

NOUN:

DATA IAW THE CDRLS, DTD 21 APR 2003

Data in accordance with the Contract Data Requirements List (CDRLS), DD FORM 1423-1, SECTION J. EXHIBIT B.

Unit Price Not Separately Priced Quantity and Purchase Unit: 1 LOT

The dollars breakdown by time frame period is as follows:

Option Period (CLINs 0003 and 0004):

ITEM	SUPPLIES OR SERVICE	Qty S Purch Unit	Unit Price Total Item Amount
0003	CLIN Establish		
	Unit Price (SubCLINS	(b)(4)	
0003AA	CLIN Establish		
	Noun: ACRN: PR/MIPR: DD1423 is Exhibit: Contract type: Start Date: Completion Date:	CONTRACTOR'S STATUS AA 4005-3500 B J - FIRM FIXED PRICE ASREQ 20 FEB 2004	REPORT IAW CDRL B003
0003AB	CLIN Establish		(b)(4)
	Noun: ACRN: PR/MIPR: DD1423 is Exhibit: Contract type: Start Date: Completion Date:	CONTRACTOR'S STATUS AA 4005-3500 B J - FIRM FIXED PRICE ASREQ 20 MAR 2004	(b)(4)
0003AC	CLIN Establish		
	Noun: ACRN: PR/MIPR: DD1423 is Exhibit: Contract type: Start Date: Completion Date:	CONTRACTOR'S STATUS AA 4005-3500 B J - FIRM FIXED PRICE ASREQ 20 APR 2004	REPORT IAW CDRL B003
0003AD	CLIN Establish		
	Noun: ACRN: PR/MIPR: DD1423 is Exhibit: Contract type: Start Date: Completion Date:	CONTRACTOR'S STATUS AA 4005-3500 B J - FIRM FIXED PRICE ASREQ 20 MAY 2004	REPORT IAW CDRL B003
0003AE	CLIN Establish		0.740
	Noun: ACRN: PR/MIPR: DD1423 is Exhibit: Contract type: Start Date: Completion Date:	CONTRACTOR'S STATUS AA 4005-3500 B J - FIRM FIXED PRICE ASREQ 14 JUN 2004	REPORT IAW CDRL B004
<b>-</b>			N66001-03-C-8025 P00005 PAGE 3 OF 4

0004

**CLIN Establish** 

Noun:

DATA IAW THE CDLRS, DTD 21 APRIL 2003

Descriptive Data:

Data in accordance with the Contract Data Requirements List (CDLRs), DD Form

1423-1, Section J, Exhibit B.

Unit Price Not Separately Priced Quantity and Purchase Unit: 1 LOT

ACRN

Appropriation/Lmt Subhead/Supplemental Accounting Data

Obligation

**NSP** 

Amount

AA

**ACRN Change** 

97 X4930 NH3P 000 77777 0 066001 2F 000000 1000002303AA

New ACRN Amount:

Funding breakdown:

On CLIN 0003AA:

On CLIN 0003AB On CLIN 0003AC

On CLIN 0003AD

On CLIN 0003AE

(b)(4)

PR/MIPR:

4005-3500

Descriptive data:

SAP no. 1000002303 Tracking No. 4005-3500 DUNS no.129083569 AO/AMD NO. P898/02

Program Element no. 0602712E

FY04

Reference No. N0003904AFR1304 Document No. N0003904WXZZ062

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